BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI (FND SEMESTER EXAMINATION MO/2022)

CLASS: BRANCH:	MBA MBA	SEMESTER EXAMINE HOR MO/2022) SEMESTER: III SESSION: MO/22						
TIME:	03 Hours	SUBJECT: M	F505 INVESTMENT A	AND PORTFOLI	O MANAGEMENT FULL A	MARKS: 50		
INSTRUCT 1. The qu 2. Attemp 3. The mi 4. Tables	FIONS: Jestion paper co pt all questions. issing data, if an /Data handbook	ntains 5 que: y, may be as /Graph paper	stions each of 10 m sumed suitably. r etc., if applicable	arks and total , will be suppl	50 marks. ied to the candio	lates		
Q.1(a) Q.1(b)	State and explain the objectives of investment activities. (CO-1, BT-2) Discuss the investment avenues available for risk averse investors. (CO-1, BT-2)							
Q.2(a) Q.2(b)	As an investor how would you minimize various risk exposure? (CO-2, BT-4) Monthly return data (in percent) for IOCL stock and the NSE index for a 12-month period are presented as follows: (CO-2, BT-3)							
	1	10.27		7	2.78	3.74	-	

Calculate the beta of a stock. (CO-2, BT- 3)

9.31

6.73

2.60

2.86

-5.68

Analyze the impact of following economic variables on the performance of the economy and the [5] Q.3(a) companies:

8

9

10

11

12

3.84

-6.51

0.00

6.64

-23.42

2.63

-2.10

-4.55

2.80

-21.35

(i) Interest rate

2

3

4

5

6

- (ii) Infrastructure
- (iii) Economic and Political stability. (CO-3, BT-4)
- Q.3(b) Can stock prices have a support level and resistance level? If so explain. (CO-3, BT-2)
- Anil has bought a stock that has paid Rs. 3 dividend per share during the last year. He anticipates Q.4(a) [5] two situations either a 5% decline in the dividend or 5% growth in the dividend in the next year. His anticipated return is 20% . calculate the price for both the situation. (CO-4, BT-3) [5]
- Explain the interest rate risk of a bond? illustrate how the risk arises? (CO-4, BT-3) Q.4(b)

3.69

4.20

-4.93

3.05

5.88

- Explain the concept of efficient frontier in the context of portfolio selection. (CO-5, BT-2) Q.5(a)
- Q.5(b) The following data are available to you as a portfolio manager:

Security	Estimated return(%)	Beta	Std. Deviation
1	32	2.10	50
2	30	1.80	35
3	25	1.65	42
4	20	1.30	26
5	18	1.15	29
6	15	0.85	18
7	14	0.75	20
8	12	0.50	17
Market Index	16	1.00	25
Govt. Security	7.5	0	0

(a) In terms of security market line, which of the securities listed above are undervalued?

(b) Assuming that a portfolio is constructed investing equal proportion of funds in each of the above securities, what is the expected return and risk of such a portfolio. (CO-5, BT- 3)

## :::::30/11/2022::::E

[5]

[5]

[5]